



analyzing Pioneer 10.

If as is possible,

$A_p = H \cdot c = 8.74e-10$  mss

then  $H = 2.9e-18$ /second,

and if  $T = 1/H$ ,

then  $T = 10.87e9$  yrs

Just what is the basis for 13.7 byr?

>>Bear in mind, we are not sending 2-way signals  
>>to the moon or mars and studying their possible Doppler drifts, and  
>>that is all we have to study withr the Pioneer.

>

>Actually we are. If you read Anderson et al. "Study of the anomalous  
>acceleration of Pioneer 10 and 11" you will find that Viking data exists  
>and rules out a "Pioneer effect" for Mars.

I have half read the paper again and I saw the statement that when P10  
got the signal it amplified it and re scaled it and retransmitted it.

I find that hard to believe, when it seems so much cleaner to trigger  
a local oscillator and get a clean primary signal back to earth. I  
believe it makes a big difference.

I am continuing to investigate.

John Polasek

<http://www.dualspace.net>

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• *Follow-Ups:*

- ◆ **Re: Pioneer Anomaly**  
◇ From: George Dishman

• *References:*

- ◆ **Re: Pioneer Anomaly**  
◇ From: George Dishman
- ◆ **Re: Pioneer Anomaly**  
◇ From: John C . Polasek
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Re: Pioneer Anomaly

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  - ◇ *From:* George Dishman
- ◆ **Re: Pioneer Anomaly**
  - ◇ *From:* John C . Polasek
- ◆ **Re: Pioneer Anomaly**
  - ◇ *From:* Jonathan Silverlight

- Prev by Date: **Re: Pioneer Anomaly**
- Next by Date: **Re: Galaxy cluster at  $z=1.4$  challenges BBT**
- Previous by thread: **Re: Pioneer Anomaly**
- Next by thread: **Re: Pioneer Anomaly**
- Index(es):
  - ◆ **Date**
  - ◆ **Thread**